

How to Start This Course

Secondary health professions educators who have received approval from their district superintendents to offer this as a state approved course must have their regional postsecondary health professions division chair / manager send a signed ***Letter of Articulation and Alignment*** to:

SeAnne Safaii, Ph.D., RD Health Professions Program Manager
Idaho Division of Professional-Technical Education



650 West State Street
P.O. Box 83720
Boise, Idaho 83720-0095

The ***Letter of Articulation and Alignment*** must acknowledge the following:

That the proposed high school course appears to be in alignment with the postsecondary Human Structure and Function course that meets the requirement for successful program completion. Please specify this postsecondary course number, title and description.

That if taught as proposed, the proposed high school course is equivalent to four semester credits at the postsecondary level.

That those students who complete this course with a grade of C or better will be eligible for dual and/or Tech Prep credit by the articulating postsecondary institution.

SeAnne Safaii
HEALTH PROFESSIONS PROGRAM MANAGER
IDAHO DIVISION OF PROFESSIONAL-TECHNICAL EDUCATION
PO BOX 83720
BOISE, ID 83720-0095

RETURN SERVICE REQUESTED

How to Start a

Anatomy and Physiology And Health Professions HP 730

For

High School

Health Professions

Students

Human Structure and Function

This is a course of study for high school students about the normal structure and function of body cells, tissues, organs, systems and their interrelationships.

Students are introduced to basic anatomical and physiological associations and concepts that are an integral part of every health professional's background.

The theory portion of the course will focus on mastering material related to identifying body planes, differentiating tissue types, identifying bones, muscles and other organs, for example.

Students will learn to describe how various systems function, such as digestion, circulation, respiration, etc.

Because anatomy is a visual science, the lab experience is important in understanding three dimensional relationships. Lab activities and exercises are designed to reinforce each lesson and help students form and understand mental images in relationship to their own bodies.

Whenever possible, clinical generalizations and applications will be made by the instructor.

Curriculum

Theory (135 hours)

Introduction to Organ Systems
Chemical Organization
Cell Structure and Function
Tissue Organization
Integumentary System
Skeletal System
Muscular System
Nervous System
Endocrine System
Cardiovascular System
Respiratory System
Digestive System
Urinary System
Reproductive System

Laboratory Exercises (45 hours)

Body Systems
Lower Limb
Back
Upper Limb
Head
Neck
Abdomen
Pelvis
Thorax

Prerequisite

High school students who have successfully completed the classroom-based *Orientation to Health Occupations for Secondary Students* or the Internet-based *Fundamentals for Health Professions* courses are eligible to enroll in *Human Structure and Function*.

Instructor Qualifications

This course must be taught by a credentialed health care professional such as a registered nurse, technologist, technician, physician, dentist, therapist, etc. This individual also must be certified as a secondary professional-technical educator by the Idaho Division of Professional-Technical Education.

Note: High school K-12 teachers are not eligible to teach this course unless they are credentialed health care professionals and certified as professional-technical educators.

Course Length and Level

This course is to be taught over two high school semesters for a total of 180 periods (135 hours lecture / 45 hours lab). Concurrent enrollment with other health professions courses is at the discretion of the instructor.